

Bridge 07637 Inspection Report



Latitude:34.70825, Longitude:-91.55492

Route:63 Section:11 Log:8.51

Arnold Road ID:59x63x11xA, Arnold Log mile:

District 06, 117 - Prairie County

Owner: 1 - State Highway Agency

Inspection Direction: 1 - N to S

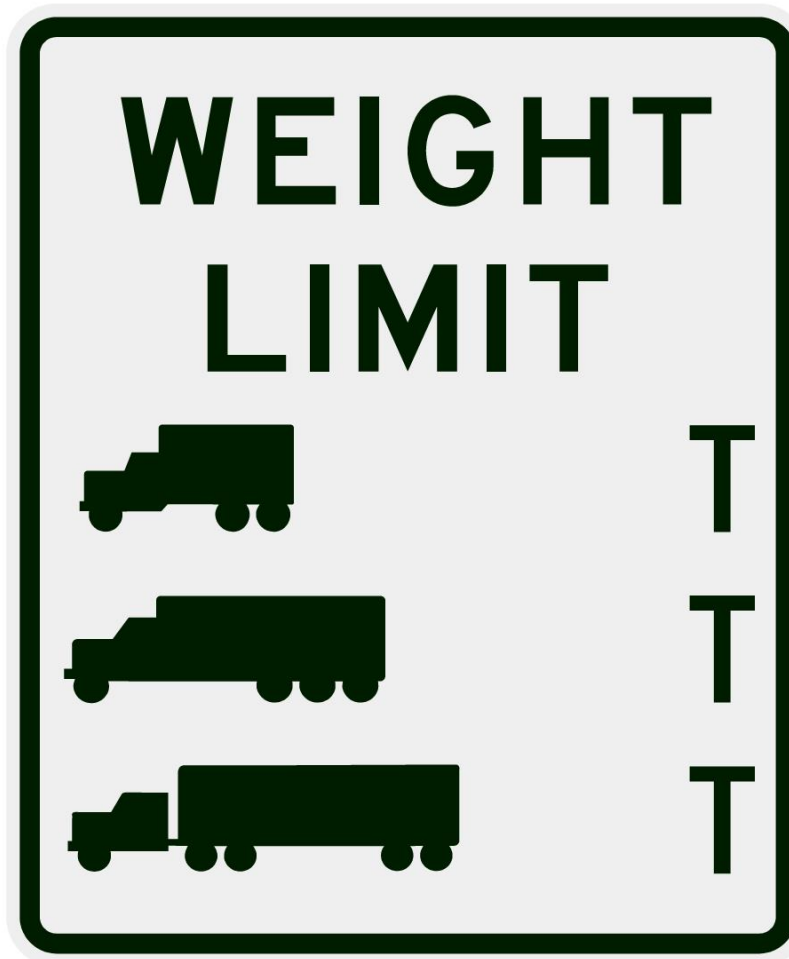
Bridge Posting Information

41 - Structure Open/Posted/Closed: A - Open, no restriction

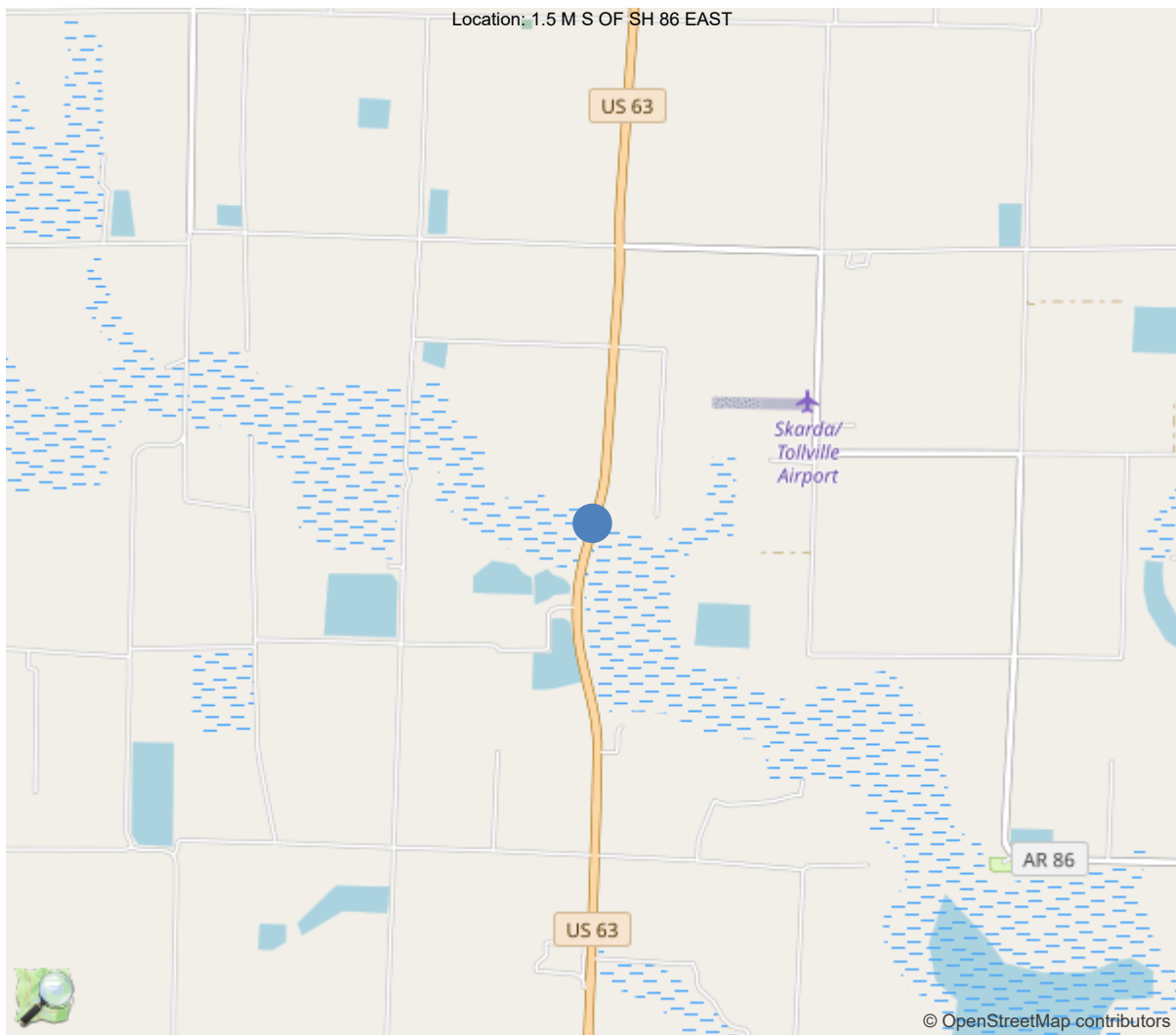
70 - Bridge Posting:

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)			
Code 9 (31 Tons)			
Code 5 (40 Tons)			

If calculated capacity is less than the Legal Load Listed, the Bridge Legally Requires Posting Signs to be installed by the Bridge Owner.



30"x36" AR



34.70825, -91.55492



Asset #07637 (Initial, Routine)

US 63 Log 8.51 over LAGRUE CREEK

Location: 1.5 M S OF SH 86 EAST

Team Lead: Joseph Rapier Inspection Date: 11/13/2025

National Bridge Inventory Data Sheet

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	07637
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	117 - Prairie County
(4) Place Code	0
(6) Features Intersected	LAGRUE CREEK
(7) Facility Carried	US 63 Log 8.51
(9) Location	1.5 M S OF SH 86 EAST
(11) Mile Point	8.51 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000063110
(16) Latitude	34.708252
(17) Longitude	-91.55492
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	52
Material	5 - Prestressed concrete *
Type	2 - Stringer/Multi-beam or girder
(44) Approach Structure Type	00
Material	0 - Other
Type	0 - Other
(45) No. of Spans in Main Unit	1
(46) No. of Approach Spans	0
(107) Deck Structure Type	1 - Concrete Cast-in-Place
(108) Wearing Surface/Protective System	
Type of Wearing Surface	0 - None (no additional concrete thickne
Type of Membrane	0 - None
Type of Deck Protection	1 - Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2025
(106) Year Reconstructed	0
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	
(30) Year of ADT	
(109) Truck ADT	%
(19) Bypass, Detour Length	mi
GEOMETRIC DATA	
(48) Length of Maximum Span	109 ft
(49) Structure Length	110 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	26.7 ft
(52) Deck Width Out to Out	33.2 ft
(32) Approach Roadway Width (W/Shoulders)	26.7 ft
(33) Bridge Median	2 - Closed median(no
(34) Skew	0 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	26.7 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0 ft
Ref:	
(55) Min Lat Underclear RT	99.9 ft
Ref:	
(56) Min Lat Underclear LT	0 ft
NAVIGATION DATA	
(38) Navigation Control	0 - No navigation control on w
(111) Pier Protection	1 - Navigation protection not
(39) Navigation Vertical Clearance	0 ft
(116) Vert-Lift Bridge Nav Min Vert Clear	0 ft
(40) Navigation Horizontal Clearance	0 ft

CLASSIFICATION	
(112) NBIS Bridge Length	Y
(104) Highway System	0
(26) Functional Class	6 - Rural Minor Arterial
(100) Defense Highway	0 - The inventory route is not
(101) Parallel Structure	N - No parallel structure exists
(102) Direction of Traffic	2 - way traffic
(103) Temporary Structure	
(105) Federal Lands Highways	0 - N/A
(110) Designated National Network	0 - The inventory route is not
(20) Toll	3 - On free road. The structu
(21) Maintain	1 - State Highway Agency
(22) Owner	1 - State Highway Agency
(37) Historical Significance	5 - Bridge is not eligible for
CONDITION	
(58) Deck	8
(59) Superstructure	8
(60) Substructure	8
(61) Channel & Channel Protection	8
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	
(63) Operating Rating Method	
(64) Operating Rating	
Type	
Rating	
(65) Inventory Rating Method	
(66) Inventory Rating	
Type	
Rating	
(70) Bridge Posting	
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	
(68) Deck Geometry	8
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1 - Inspected feature meets current
(36B) Transitions	1 - Inspected feature meets current
(36C) Approach Guardrail	1 - Inspected feature meets current
(36D) Approach Guardrail Ends	1 - Inspected feature meets current
(113) Scour Critical Bridges	
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	ft
(94) Bridge Improvement Cost	\$
(95) Roadway Improvement Cost	\$
(96) Total Project Cost	\$
(97) Year of Improvement Cost Estimate	
(114) Future ADT	
(115) Year of Future ADT	

INSPECTIONS *			
(90) Inspection Date		11/12/2025	
(91) Frequency		24	
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection	No		
* The inspection date and frequency information in this box contains the current NBI date and frequency information. Please refer to the report header for the date this inspection was conducted.			

Team Lead: Joseph Rapier, Inspection Date: 11/13/2025

Specifications for National Bridge Inventory Sheets

IDENTIFICATION	
B.ID.01 Bridge Number	07637
B.ID.02 Bridge Name	
B.ID.03 Previous Bridge No.	01860
B.W.01 Year Built	

LOCATION	
B.L.01 State Code	5 - Arkansas
B.L.02 County Code	117 - Prairie County
B.L.03 Place Code	00000 - N/A
B.L.04 Highway Agency District	06 - District 06
B.L.05 Latitude	34.708252
B.L.06 Longitude	-91.55492
B.L.07 Border Bridge Number	
B.L.08 Border Bridge State or Country Code	
B.L.09 Border Bridge Insp. Resp.	
B.L.10 Border Bridge Designated Lead State	
B.L.11 Bridge Location	
B.L.12 Metropolitan Planning Organization	

CLASSIFICATION	
B.CL.01 Owner	
B.CL.02 Maint. Responsibility	
B.CL.03 Federal or Tribal Land Access	
B.CL.04 Historic Significance	
B.CL.05 Toll	
B.CL.06 Emergency Evacuation Designation	

ROADSIDE HARDWARE	
B.RH.01A Bridge Railing Type	
B.RH.01B Bridge Railing Year (YY)	
B.RH.01C Bridge Railing Test Level	
B.RH.02A Transition Type	
B.RH.02B Transition Year (YY)	
B.RH.02C Transition Test Level	

BRIDGE GEOMETRY	
B.G.01 NBIS Bridge Length	102
B.G.02 Total Bridge Length	
B.G.03 Max Span Length	
B.G.04 Min Span Length	102
B.G.05 Bridge Width Out-to-Out	
B.G.06 Bridge Width Curb-to-Curb	
B.G.07 Left Curb or Sidewalk Width	
B.G.08 Right Curb or Sidewalk Width	
B.G.09 Approach Roadway Width	

B.G.10 Bridge Median	
B.G.11 Skew	
B.G.12 Curved Bridge	N - Not curved
B.G.13 Max Bridge Height	
B.G.14 Sidehill Bridge	N - Not a sidehill bridge
B.G.15 Irregular Deck Area	
B.G.16 Calculated Deck Area	

LOADS AND LOAD RATING	
B.LR.01 Design Load	
B.LR.02 Design Method	
B.LR.03 Load Rating Date	
B.LR.04 Load Rating Method	
B.LR.05 Inventory Load Rating Factor	
B.LR.06 Operating Load Rating Factor	
B.LR.07 Controlling Legal Load Rating Factor	
B.LR.08 Routine Permit Loads	Bridge does not carry routine permi

INSPECTION REQUIREMENTS	
B.IR.01 NSTM Inspection Required	
B.IR.02 Fatigue Details	N - No E/E' details
B.IR.03 UW Inspection Required	
B.IR.04 Complex Feature	

COMPONENT CONDITION RATINGS	
B.C.01 Deck Condition Rating	
B.C.02 Superstructure Condition	
B.C.03 Substructure Condition	
B.C.04 Culvert Condition	
B.C.05 Bridge Railing Condition	9 - EXCELLENT - Isolated inher
B.C.06 Bridge Railing Transitions Condition	9 - EXCELLENT - Isolated inher
B.C.07 Bridge Bearings Cond.	N - NOT APPLICABLE - Component
B.C.08 Bridge Joints Condition	9 - EXCELLENT - Isolated inher
B.C.09 Channel Condition Rating	
B.C.10 Channel Protection Condition	9 - EXCELLENT - Isolated inher
B.C.11 Scour Condition Rating	
B.C.12 Bridge Condition Classification	
B.C.13 Lowest Condition Rating	
B.C.14 NSTM Insp. Condition	N - NOT APPLICABLE - Component
B.C.15 UW Inspection Condition	

APPRAISAL	
B.AP.01 Approach Roadway Alignment	
B.AP.02 Overtopping Likelihood	
B.AP.03 Scour Vulnerability	
B.AP.04 Scour Plan of Action	
B.AP.05 Seismic Vulnerability	

Team Lead: Joseph Rapier, Inspection Date: 11/13/2025

SPAN SETS			
M1			
B.SP.02 # of Spans	1	B.SP.08 Deck Interaction	IM - Integral or monolithic
B.SP.03 # of Beam Lines	11	B.SP.09 Deck Material and Type	C01 - Reinforced concrete - ca
B.SP.04 Span Material	C03 - Prestressed concrete - p	B.SP.10 Wearing Surface	0 - None
B.SP.05 Span Continuity	2 - Continuous	B.SP.11 Deck Protective System	0 - None
B.SP.06 Span Type	G02 - Girder/beam - I-shaped s	B.SP.12 Deck Reinforcing Protective System	C01 - Coating - epoxy coated
B.SP.07 Span Protective System	0 - None	B.SP.13 Deck Stay-In-Place Forms	M01 - Metal

SUBSTRUCTURE SETS			
A1			
B.SB.02 No. of Substructure Units	2	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	C01 - Reinforced concrete - ca	B.SB.06 Foundation Type	PX - Pile - other
B.SB.04 Substructure Type	A04 - Abutment - integral	B.SB.07 Foundation Protective System	0 - None

HIGHWAY ROUTES					
Highway Parent	B.RT.01 Route Designation	B.RT.02 Route Number	B.RT.03 Route Direction	B.RT.04 Route Type	B.RT.05 Service Type

WATERWAY FEATURES			
W1			
B.F.02 Feature Location	B - Below bridge	B.N.03 Movable Bridge Max Navigation Vertical Clearance	
B.F.03 Feature Name	LAGRUE CREEK	B.N.04 Navigation Channel Width	
B.N.01 Navigable Waterway	N - Not navigable waters	B.N.05 Navigation Channel Min Horizontal Clearance	
B.N.02 Navigation Min Vertical Clearance		B.N.06 Substructure Navigation Protection	

POSTING STATUS DATA	
B.PS.01 Load Posting Status	B.PS.02 Posting Status Change Date

LOAD EVALUATION AND POSTING			
B.EP.01 Legal Load Configuration	B.EP.02 Legal Load Rating Factor	B.EP.03 Posting Type	B.EP.04 Posting Value



Inspection Notes

General Observation

Team Lead - Joseph Rapier
Advanced Inspector - Jason Edmison
Parked on the Northeast shoulder.
Job# 061615 Drawing# 66518 For layout
Logged Southbound.
Small boat or kayak needed for inspection.
Structure under staged construction.
Inspected on 11/12/2025. Opened to traffic on 11//2025.

28A - Lanes On Structure (2)

Structure is under staged construction and has 2 lanes. Plans indicate that once completed the structure will have 4 lanes.

32 - Approach Roadway Width (26.7)

Structure is under staged construction. Current approach roadway width is 26' 9". (11/12/2025)

51 - Bridge Roadway Width Curb-To-Curb (26.7)

Structure is under staged construction. When completed the bridge roadway width curb to curb will be 75'.
Current curb to curb measurement is 26' 9" (11/12/2025)

52 - Deck Width (33.2)

Structure is under staged construction. When completed the deck width will be 77' 6".
Current deck width is 33' 3". (11/12/2025)

58 - Deck (8 - VERY GOOD CONDITION - no problems noted.)

Overall the deck is in very good condition. There were no notable defects observed at the time of this inspection. The structure is under staged construction.

59 - Superstructure (8 - VERY GOOD CONDITION - no problems noted.)

Overall the superstructure is in very good condition. There were no notable defects observed at the time of this inspection. The structure is under staged construction.

60 - Substructure (8 - VERY GOOD CONDITION - no problems noted.)

Overall the substructure is in very good condition. There were no notable defects observed at the time of this inspection. The structure is under staged construction.

61 - Channel/Channel Protection (8 - Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition.)

Overall the channel is in very good condition.

A-51 - Inspection Direction (1 - N to S)

Logged South bound.



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Location: 1.5 M S OF SH 86 EAST

Team Lead: Joseph Rapier Inspection Date: 11/13/2025

National Bridge Element Quantities and Notes

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck (12) Structure is under staged construction. Reinforced concrete deck quantity at the time of this inspection 3624sqft. 11/12/2025	SF	8448	8448	0	0	0
109	Prestressed Concrete Open Girder/Beam (109) Structure is under staged construction. Prestressed concrete girder quantity at the time of this inspection 545LF. 11/12/2025	LF	1199	1199	0	0	0
215	Reinforced Concrete Abutment (215) Structure is under staged construction. Reinforced concrete abutment quantity at the time of this inspection 67LF. 11/12/2025	LF	155	155	0	0	0
301	Pourable Joint Seal (301) Structure is under staged construction. Pourable joint seal quantity at the time of this inspection 64LF. 11/12/2025	LF	155	155	0	0	0
321	Reinforced Concrete Approach Slab (321) Structure is under staged construction. Approach slab quantity at the time of this inspection 1752sqft. 11/12/2025	SF	4307	4307	0	0	0
331	Reinforced Concrete Bridge Railing (331) Structure is under staged construction. Reinforced concrete bridge railing quantity at the time of this inspection 109LF. 11/12/2025	LF	218	218	0	0	0

Inspection Photos and Notes



Elevation.



Elevation.



Deck overview.



Deck.



Undersurface view.



General superstructure overview.



Bent 2: integral abutment overview.



Bent 1: integral abutment overview.



Channel looking west.



Channel looking east.



Channel looking west.



Channel looking east.



Inventory looking south.



General prestressed concrete girder condition.



Bent 1: integral abutment overview.



Bent 2: integral abutment overview.



Bent 1, approach slab: general approach slab condition.
(North approach slab)



Bent 2, approach slab: general approach slab condition.
(South approach slab)



General reinforced concrete bridge railing condition.



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Location: 1.5 M S OF SH 86 EAST

Team Lead: Joseph Rapier Inspection Date: 11/13/2025

Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is Recommended?
A-54 - Sealable Deck Cracks	No
A-55 - Deck Washing Needed	No
A-56 - Joint Cleaning/Flushing Needed	No
A-57 - Beam End and Bearing Paint Needed	No
A-58 - Cap Cleaning/Flushing Needed	No
A-59 - Joint Repair Needed	No
A-60 - Full Beam Painting Needed	No
A-61 - Polymer Overlay Advised	No
A-62 - Hydro and LMC Advised	No
A-63 - Missing/Incorrect Log Mile Signage	No
A-64 - Vegetation Removal Requested	No
A-65 - Clogged deck drains?	No
A-66 - Approach minor pothole/leveling needed	No

A-54 - Sealable Deck Cracks (No)

A-55 - Deck Washing Needed (No)

A-56 - Joint Cleaning/Flushing Needed (No)



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Team Lead: Joseph Rapier **Inspection Date:** 11/13/2025

A-57 - Girder End and Bearing Painting Needed (No)

A-58 - Cap Cleaning/Flushing Needed (No)

A-59 - Joint Repair Needed (No)

A-60 - Full Girder Painting Needed (No)

A-61 - Polymer Overlay Advised (No)

A-62 - Hydro and LMC Advised (No)

A-63 - Missing/Incorrect Log Mile Signage (No)

A-64 - Vegetation Removal Requested (No)

A-65 - Clogged deck drains? (No)



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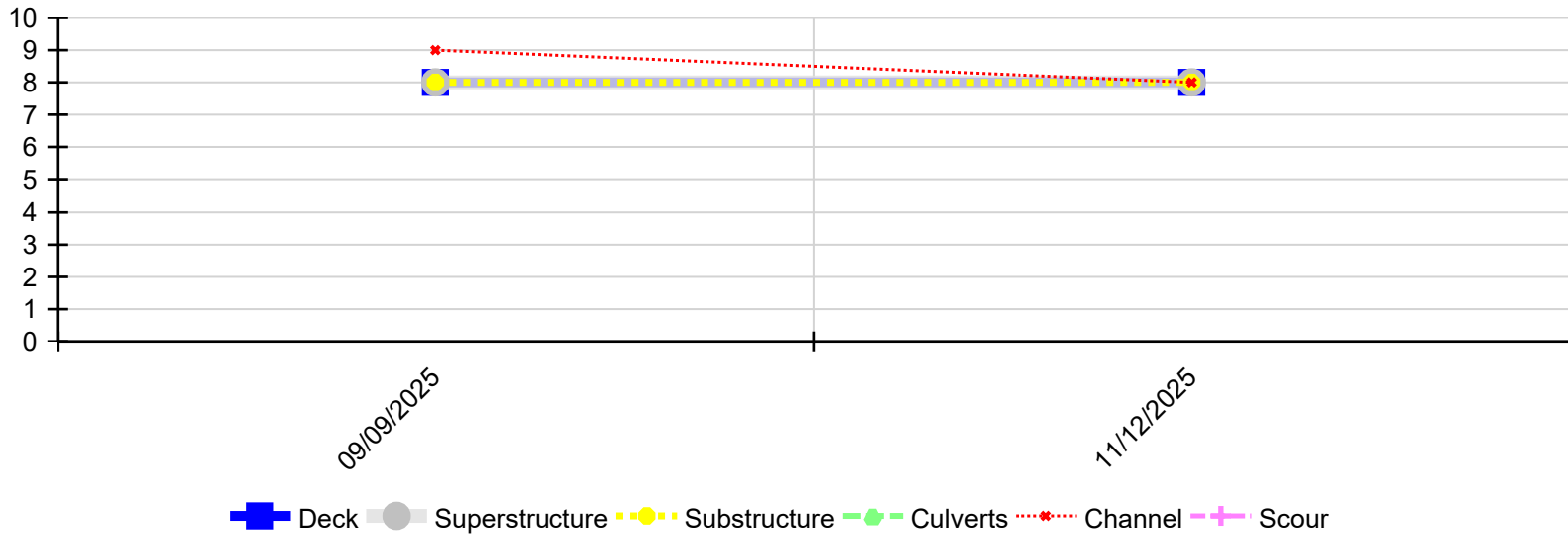
A-66 - Approach minor pothole/leveling needed (No)



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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
11/12/2025	8	8	8	N	8	N
09/09/2025	8	8	8	N	9	N